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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service Express Mail from Post Office to Addressee in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, 22313-1450 VA on 07/30/2006 with Express mailing number ER 457794520 US.

*Susanne Somersalo*  
Susanne Somersalo

APPLICATION No. 10/502,306  
Inventor: Timo Korpela  
Attorney Docket: Navalotskaya  
Confirmation number 8674

Commissioner for Patents  
P.O. Box 1450  
Alexandria  
Virginia 22313-1450

Washington D.C. July 29<sup>th</sup> 2006

**REPLY TO NOTIFICATION OF DEFECTIVE RESPONSE**

Sir:

This is to reply to the Notification of Defective Response regarding the above mentioned patent application. The notification is dated on June 30<sup>th</sup> 2006 giving one month to reply.

The applicant provides hereby a copy of the Sequence Listing in computer readable form and the same on paper form.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/502,306	Timo Kalevi Korpela	Navalot skaga

INTERNATIONAL APPLICATION NO.

PCT/FI03/00044

I.A. FILING DATE

01/23/2003

PRIORITY DATE

01/23/2002

Dodds & Associates  
 1707 North Street NW  
 Washington, DC 20036

CONFIRMATION NO. 8674

371 FORMALITIES LETTER



\*OC000000019459440\*

Date Mailed: 06/30/2006

### NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495)

- Priority Document
- Copy of the International Application filed on 07/22/2004
- Copy of the International Search Report filed on 07/22/2004
- Copy of IPE Report filed on 07/22/2004
- Preliminary Amendments filed on 07/22/2004
- Biochemical Sequence Diskette filed on 06/30/2006
- Oath or Declaration filed on 02/07/2005
- Biochemical Sequence Listing filed on 06/30/2006
- Small Entity Statement filed on 07/22/2004
- Request for Immediate Examination filed on 07/22/2004
- Copy of references cited in ISR filed on 07/22/2004
- U.S. Basic National Fees filed on 07/22/2004
- Priority Documents filed on 07/22/2004

Applicant's response filed 06/30/2006 is hereby acknowledged. The following requirements set forth in the NOTIFICATION OF MISSING REQUIREMENTS mailed 01/13/2005 have not been completed.

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).
- Sequences appearing in the specification and/or drawings must be identified by sequence identifier in accordance with 37 CFR 1.821(d). Sequence identifiers for sequences appearing in the drawings may appear in the Brief Description of the Drawings. Applicant must provide appropriate amendments to the specification or drawings inserting the required sequence identifiers. If the amendments are extensive then a substitute specification may be required.

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patent Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patent Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

DONNA S GREENE

Telephone: (703) 308-9140 EXT 222

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/502,306	PCT/FI03/00044	Navalot skaga



# OIPE ROUTING SHEET APPLICATION

IFW DocCode - SEQREQ

Index using Current Date

**10/502306**

**TO BE DELIVERED TO:  
Tech Center Scanning**

## Sequence Rule Compliance Review Item

<b>X</b>	<b>CRF, paper copy of sequence listing, and statement that both are same missing</b>
	CRF contains error(s) according to STIC Report
	CRF damaged or unreadable according to STIC Report
	CRF transferred from prior application is not compliant

**Place an "X" in the appropriate box**

BRUCE R. CAMPELL, Ph.D.  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 1600



Comment Sheet

**APPLICATION SERIAL NUMBER**

**10/502306**

**DOES NOT COMPLY WITH THE  
SEQUENCE RULES. See reasons below.**

**Claim 1 contains peptides sequences without SEQ ID  
No.**

**Specification contains peptide sequences without SEQ  
ID Nos.**